
Product Data Sheet

Product Name: DNAJB6 Human
 Cat. No.: GP25066
 Batch No.: 1

Product Data

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|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Dnaj homolog subfamily B member 6; HHDJ1; Heat shock protein J2; HSJ-2; MRJ; MSJ-1; DNAJB6; HSJ2; MSJ1; DJ4; Dnaj; MGC1152; FLJ42837; MGC117297; DKFZp566D0824. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MGSMVDYYEV LGVQRHASPE DIKKAYRKLA LKWHDPKNPE NKEEAERKFK QVAEAYEVLS DAKKRDIYDK YGKEGLNGGG GGGSHFDSPF EFGFTFRNPD DVFREFFGGR DPFSDFDFED PFEDFFGNRR GPRGSRSRGT GSFFSAFSGF PSFGSGFSSF DTGFTSFGSL GHGGLTSFSS TSFGGSGMGN FKSISTSTKM VNGRKITTKR IVENGQERVE VEEDGQLKSL TINGVADDDA LAERMRRGQ NALPAQPAGL RPPKPPRPAS LLRHAPHCLS EEEGEQDRPR APGPWDPLAS AAGLKEGGKR KKQKQREESK KKKSTKGNH. | | |
| Formulation | The DNAJB6 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 30% glycerol. | | |

Introduction

Dnaj homolog subfamily B member 6 (DNAJB6) belongs to the DNAJ protein family. The DNAJ family members are characterized by a highly conserved amino acid stretch known as the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. DNAJB6 may also play a role in polyglutamine aggregation in specific neurons.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

DNAJB6 Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 349 amino acids (1-326 a.a.) and having a molecular mass of 38.5kDa. The DNAJB6 is purified by proprietary chromatographic techniques.

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